(a) whether a team of Russian experts in diverse field work has recently been here for the establishment of proposed nuclear power plants of 2000 MW capacity in south; and

(b) if so, the details of the decision made at the deliberation?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE): (a)Yes, Madam.

(b) The Russian experts have visited India in connection with the finalisation of the Detailed Project Report (DPR)/Preliminary Safety Analysis Report (PSAR) and negotiation of Techno Commercial Offer received from them, in the context of setting up of 2 x 1000 MWe VVER type nuclear Power Plants at Kundankulam, Tamil Nadu. The deliberations on Detailed Project Report (DPR)/Preliminary Safety Analysis Report (PSAR) and negotiations for Techno Commercial Offer are still in progress.

Capacity and Generation of Nuclear Power

467. DR. MANMOHAN SINGH: Will the PRIME MINISTER be pleased to state:

(a) the overall capacity and generation of power by the nuclear power plants during the last five years;

(b) the likely additions to nuclear power capacity during the Tenth five Year Plan period beginning 2002-2003;

(c) the estimated outlays needed to realise the targets of additional capacity; and

(d) the relative contribution of various sources of resource generation to realise the targets mentioned in part (c) above?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE): (a) The overall capacity MWe and the generation in million Units (MUs) of Power by the nuclear power plants during last five years are as follows:

Year	1996-97	1997-98	1998-99	1999-00	2000-01
Capacity (MWe)	1840	1840	1840	2060	2720
Generation (MUs)	9068	10098	12001	13394	17213

Capacity addition in 1999-2000 is 220 MWe by Kaiga Atomic Power Station Unit-2 (220 MWe) from 16-03-2000. Capacity addition in 2000-01 is 660 MWe, by Rajasthan Atomic Power Station Unit-3 (220 MWe) from 01-06-2000, Kaiga Atomic Power Station Unit-1 (220 MWe) from 16-11-2000 and Rajasthan Atomic Power Station Unit-4 (220 MWe) from 23-12-2000.

(b) The likely addition to the Nuclear Power Capacity during the Tenth Five Year Plan beginning 2002-2003 is 1220 MWe, from the expected commencement of commercial operation of Tarapur Atomic Power Project Unit-4 (1x500 MWe) in the year 2005-06 and Tarapur Atomic Power Project Unit-3 (1x500 MWe) and Kaiga Atomic Power Project Unit-3 (1x220 MWe) in the year 2006-07. Besides the above, Kaiga Atomic Power Project Unit-4 (220 MWe) is expected to commence commercial operation in the first year of the eleventh plan (2007-08).

(c) The Tenth Plan proposals which include continuing projects from Ninth Plan as well as new projects to be commenced during Tenth Plan are yet to be finalised. Both the schemes as mentioned in (b) above are continuing from Ninth Five Year Plan. The estimated outlays for these schemes of Tarapur Atomic Power Project Units-3&4 (2x500 MWe) and Kaiga Atomic Power Project Units-3&4 (2x220 MWe) in the Tenth Plan is Rs.7300 crore. The above is exclusive of the outlays rquired for the new schemes being included in the Tenth Plan proposals which will yield benefits beyond the Tenth Plan.

(d) Out of the total estimated outlay of Rs.7300 crore in the Tenth Plan for the above referred schemes of Tarapur Atomic Power Project Units-3&4 and Kaiga Atomic Power Project Units 3&4, an amount of about Rs. 3000 crore is being proposed to be met from the Government Budgetary Support in the form of equity and the remaining outlay from Internal and Extra Budgetary Resources (IEBR) of NPCIL.

Suspension of operation of Vashi Unit of DAE

468. SHRI RAJNATH SINGH 'SURYA': Will the PRIME MINISTER be pleased to state:

(a) whether an important unit of DAE at Vashi has been directed to suspend its operation;

(b) if so, the reasons therefor;

(c) whether responsibility in this lapse has been fixed; and

(d) by when it is expected to start again?